



CABLE OR THE LIKE PROTECTION AND GUIDE DEVICE

Technical Field to Which the Invention Pertains

The present invention relates to a cable or the like protection and guide device, and more specifically relates to a cable or the like protection and guide device, which is preferable for accommodating a cable or the like such as a cable or a hose, which connects a movable portion and a stationary portion of an industrial machine, and for protecting and guiding a cable or the like during the movement of the movable portion.

Related Art

10 Such a cable or the like protection and guide device conventionally comprises a number of link bodies articulably connected to each other. Each link body includes a pair of link plates disposed at regular intervals and an inner circumferential connecting plate spanned across a bending inner circumferential side and an outer circumferential connecting plate spanned across a bending
15 outer circumferential side of the link plate. A cable (cables) or the like is accommodated in a space surrounded by these link plates and connecting plates (see for example Patent Reference 1).

 In this cable or the like protection and guide device, even in any case of a linear state and a bent state in the link bodies, the inner circumferential side
20 connecting plate and the outer circumferential side connecting plate of each link body contacts an inner circumferential side connecting plate and an outer